K052624

NOV 16 2005

510(k) SUMMARY for Inion OTPS™ Biodegradable Distal Radius Plate

MANUFACTURER

Inion Ltd., Lääkärinkatu 2, FIN-33520 Tampere, FINLAND

Contact Person

Hanna Marttila, Regulatory Affairs Director
Lääkärinkatu 2, FIN-33520 Tampere
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DEVICE NAME

Trade name: Inion OTPS™ Biodegradable Distal Radius Plate

ESTABLISHMENT REGISTRATION NUMBER

9710629

DEVICE CLASSIFICATION AND PRODUCT CODE

Class : II
Classification Panel: Orthopedic
Product Code: HRS

Common name: Plate, fixation, bone
Regulation number: 21 CFR 888.3030
Regulation name: Single/multiple component metallic bone fixation appliances and accessories.

PREDICATE DEVICE

Biomet Distal Radius Plating System K020819

CONFORMANCE WITH PERFORMANCE STANDARDS

No applicable mandatory performance standards exist for this device.
Compliance to voluntary consensus standards is listed in the application.

DEVICE DESCRIPTION AND PRINCIPLES OF OPERATION

Inion OTPS™ Biodegradable Distal Radius Plate implants are indicated for use in open reduction and internal fixation of fractures, osteotomies, and radiolunocarpal fusion of the distal radius in the presence of appropriate immobilization. Inion OTPS™ Biodegradable Distal Radius Plate implants are made of is made of resorbable polylactic acid / trimethylenecarbonate copolymers and it is provided in sizes typical to this application.

Inion OTPS™ Biodegradable Distal Radius Plate implants gradually lose their strength during 18-36 weeks. Bioresorption takes place within two to four years.

Inion OTPS™ Biodegradable Distal Radius Plate implants are provided sterile to the user and is non-pyrogenic. The shelf life of the device is 3 years.

SUBSTANTIAL EQUIVALENCE TO MARKETED PRODUCTS

Based on the performance data and specifications presented, it can be concluded that the intended use, material composition and scientific technology, degradation profile and mechanical properties of Inion OTPS™ Biodegradable Distal Radius Plate are substantially equivalent with the predicate device Biomet Distal Radius Plating System (K020819).

Inion OTPS™ Biodegradable Distal Radius Plate is substantially equivalent to predicate Class II devices used in open reduction and internal fixation of fractures, osteotomies, and radiolunocarpal fusion of the distal radius in the presence of appropriate immobilization, because the differences between Inion OTPS™ Biodegradable Distal Radius Plate and the predicate device do not raise new questions of safety and effectiveness.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

NOV 16 2005

Hanna Marttila
Regulatory Affairs Director
Inion Ltd.
Lääkärinkatu 2
Fin-33520 Tampere
Finland

Re: K052624
Trade/Device Name: Inion OTPS™ Biodegradable Distal Radius Plate
Regulation Number: 21 CFR 888.3030
Regulation Name: Single/multiple component metallic bone fixation appliances and accessories
Regulatory Class: II
Product Code: HRS
Dated: September 21, 2005
Received: September 23, 2005

Dear Ms. Marttila:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

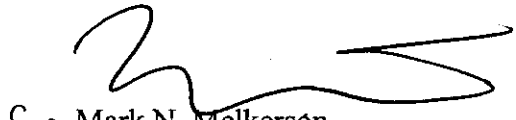
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0120. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/industry/support/index.html.

Sincerely yours,



for Mark N. Melkerson
Acting Director
Division of General, Restorative
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications for Use

510(k) Number (if known): K052624

Device Name: Inion OTPS™ Biodegradable Distal Radius Plate

INDICATIONS

The **INION OTPS™ BIODEGRADABLE DISTAL RADIUS PLATE** implants are indicated for use in open reduction and internal fixation of fractures, osteotomies, and radiolunocarpal fusion of the distal radius in the presence of appropriate immobilization.

CONTRAINDICATIONS

The **INION OTPS™ BIODEGRADABLE DISTAL RADIUS PLATE** implants are not intended for use in and are contraindicated for:

- Active or potential infection.
- Patient conditions including limited blood supply, insufficient quantity or quality of bone; and where patient cooperation cannot be guaranteed (e.g., alcoholism, drug abuse).
- High-load bearing applications.
- Severely comminuted fractures.

Prescription Use (Part 21 CFR 801 Subpart D)	AND/OR	Over-The-Counter Use (21 CFR 801 Subpart C)
√		No

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE OF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

(Division Sign-Off)
Division of General, Restorative, and Neurological Devices

510(k) Number K052624